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Date: February 23, 2006

To: Mark Eashoo Fax: 571-273-8300 Phone: 571-272-1197
United States Patent and Trademark Office

From: Michael D. Plimier Fax: 408-765-4087 Phone: 408-765-7857

Subject: Amendment and Response
for Application Serial No. 10/670,699

A CONFIRMATION COPY OF THIS DOCUMENT:

WILL NOT BE SENT

Application No.: 10/670,699
Filing Date: September 24, 2003
First Named Inventor: James Christopher Matayabas, Jr.
Group Art Unit: 3743
Examiner Name: Mark Eashoo
Attorney Docket No.: P17196

Enclosures:

1. Transmittal Form (1 page).
2. Fee Transmittal for FY 2006 (1 page in duplicate).
3. Amendment and Response (9 pages).

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FEB 23 2006

PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

12

Application Number

10/670,699

Filing Date

September 24, 2003

First Named Inventor

James Christopher Matayabas, Jr.

Art Unit

1732

Examiner Name

Eashoo, Mark

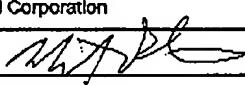
Attorney Docket Number

P17196

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

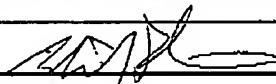
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Intel Corporation		
Signature			
Printed name	Michael D. Plimier		
Date	February 23, 2006	Reg. No.	43,004

CERTIFICATE OF TRANSMISSION/MAILING

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Signature



Typed or printed name

Michael D. Plimier

Date February 23, 2006

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PTO/SB/17 (01-06)

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FEE TRANSMITTAL For FY 2006

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$)	0.00
--------------------------------	------	------

Complete If Known

Application Number	10/670,699
Filing Date	September 24, 2003
First Named Inventor	James Christopher Matabayas
Examiner Name	Eashoo, Mark
Art Unit	1732
Attorney Docket No.	P17196

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments
under 37 CFR 1.16 and 1.17

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FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	
Utility	300	150	500	250	200	100	0
Design	200	100	100	50	130	65	0
Plant	200	100	300	150	160	80	0
Reissue	300	150	500	250	600	300	0
Provisional	200	100	0	0	0	0	0

2. EXCESS CLAIM FEES

<u>Fee Description</u>	<u>Fee (\$)</u>		<u>Fee (\$)</u>		<u>Multiple Dependent Claims</u>
	<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	
Each claim over 20 (including Reissues)			50	25	
Each independent claim over 3 (including Reissues)			200	100	
Multiple dependent claims			360	180	
<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
16 - 20 or HP =	0	x 50	= 0	360	0
HP = highest number of total claims paid for, if greater than 20.					
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
2 - 3 or HP =	0	x 200	= 0		
HP = highest number of independent claims paid for, if greater than 3.					

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
0 - 100 = 0 / 50 = 0 (round up to a whole number)	0	x 0 = 0	0	0

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	43,004	Telephone	408-765-7857
Name (Print/Type)	Michael D. Plimier				Date February 23, 2006

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PTO/SB/17 (01-06)

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL
For FY 2006** Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
0.00**Complete if Known**

Application Number	10/670,699
Filing Date	September 24, 2003
First Named Inventor	James Christopher Matabayas
Examiner Name	Eashoo, Mark
Art Unit	1732
Attorney Docket No.	P17198

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

under 37 CFR 1.16 and 1.17

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FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	0
Design	200	100	100	50	130	65	0
Plant	200	100	300	150	160	80	0
Reissue	300	150	500	250	600	300	0
Provisional	200	100	0	0	0	0	0

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)	Fee (\$)
				Fee (\$)	Fee (\$)	Fee (\$)
16	- 20 or HP = 0	x 50	= 0	50	25	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
				Fee (\$)	Fee (\$)	Fee (\$)
2	- 3 or HP = 0	x 200	= 0	360	180	0

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

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Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
0	- 100 = 0	/ 50 = 0 (round up to a whole number)	0	0

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

SUBMITTED BY		Registration No. (Attorney/Agent) 43,004	Telephone 408-765-7857
Name (Print/Type)	Michael D. Plimier		Date February 23, 2006

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Attorney's Docket No.: P17196

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
James Christopher Matabayas, Jr.)
Serial No.: 10/670,699) Art Unit: 1732
Filed: September 24, 2003) Examiner: Eashoo, Mark
For: THERMAL INTERFACE) Attorney Docket: P17196
WITH ALIGNED CARBON)
NANOTUBES)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Dear Examiner Eashoo:

This is in response to the Office Action mailed December 7, 2005. Applicants respectfully request the Examiner to enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper. **Remarks/Arguments** begin on page 6 of this paper.

-1-

Serial No.: 10/670,699

Attorney Docket: P17196